



DECLARATION FOR NON-PROVISIONAL PATENT APPLICATION*

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. beneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

PROGRAMMABLE I/O ELEMENT CIRCUIT FOR HIGH SPEED LOGIC DEVICES

and for which a patent application:

is attached hereto and includes amendment(s) filed on *(if applicable)*
 was filed in the United States on as Application No. *(for declaration not accompanying application)*
with amendment(s) filed on *(if applicable)*
 was filed as PCT international Application No. on and was amended under PCT Article 19 on *(if applicable)*

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

PROVISIONAL APPLICATION NUMBER	FILING DATE

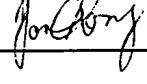
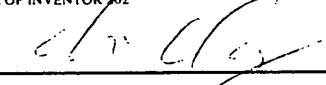
I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

NON-PROVISIONAL APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

* for use only when the application is assigned to a company, partnership or other organization.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

2 0 1	FULL NAME OF INVENTOR	LAST NAME Nguyen	FIRST NAME Khai	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY San Jose	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 499 Suisse Drive	CITY San Jose	STATE OR COUNTRY CA
	SIGNATURE OF INVENTOR 201 <i>Khai Nguyen</i>			DATE 11/27/01
2 0 2	FULL NAME OF INVENTOR	LAST NAME Sung	FIRST NAME Chiakang	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Milpitas	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 2005 Skyline Drive	CITY Milpitas	STATE OR COUNTRY CA
	SIGNATURE OF INVENTOR 202 <i>Chiakang Sung</i>			DATE 11/28/01
2 0 3	FULL NAME OF INVENTOR	LAST NAME Wang	FIRST NAME Bonnie	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Cupertino	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 10371 Prune Tree Lane	CITY Cupertino	STATE OR COUNTRY CA
	SIGNATURE OF INVENTOR 203 <i>Bonnie Z. Wang</i>			DATE 11/27/01
2 0 4	FULL NAME OF INVENTOR	LAST NAME Huang	FIRST NAME Joseph	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY San Jose	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 1231 Briarleaf Circle	CITY San Jose	STATE OR COUNTRY CA
	SIGNATURE OF INVENTOR 204 <i>Joseph Huang</i>			DATE 11/27/01
2 0 5	FULL NAME OF INVENTOR	LAST NAME Pan	FIRST NAME Phillip	MIDDLE NAME
	RESIDENCE & CITIZENSHIP	CITY Fremont	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA
	POST OFFICE ADDRESS	STREET 44531 Kadi Court	CITY Fremont	STATE CA
	SIGNATURE OF INVENTOR 205 <i>Phillip Pan</i>			DATE

2 0 6	FULL NAME OF INVENTOR	LAST NAME Kim	FIRST NAME In Whan	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY San Jose	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 2702 Ohlone Drive	CITY San Jose	STATE CA	ZIP CODE 95132
		SIGNATURE OF INVENTOR 202			DATE
2 0 7	FULL NAME OF INVENTOR	LAST NAME Rangan	FIRST NAME Gopi	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Santa Clara	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP India	
	POST OFFICE ADDRESS	STREET 3500 Granada Avenue, Apt. 385	CITY Santa Clara	STATE CA	ZIP CODE 95051
		SIGNATURE OF INVENTOR 202 			DATE 11/27/01
2 0 8	FULL NAME OF INVENTOR	LAST NAME Chong	FIRST NAME Yan	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Stanford	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP China	
	POST OFFICE ADDRESS	STREET Quillen 12B EV	CITY Stanford	STATE CA	ZIP CODE 94305
		SIGNATURE OF INVENTOR 202 			DATE 11/30/2001
2 0 9	FULL NAME OF INVENTOR	LAST NAME Wang	FIRST NAME Xiaobao	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Santa Clara	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP China	
	POST OFFICE ADDRESS	STREET 388 Montclair Drive	CITY Santa Clara	STATE CA	ZIP CODE 95051
		SIGNATURE OF INVENTOR 202 			DATE 11/27/01
2 10	FULL NAME OF INVENTOR	LAST NAME Chang	FIRST NAME Tzung-Chin	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY San Jose	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP Taiwan	
	POST OFFICE ADDRESS	STREET 760 Saratoga Avenue	CITY San Jose	STATE CA	ZIP CODE 95129
		SIGNATURE OF INVENTOR 202 			DATE 11/27/01



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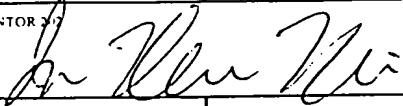
PROVISIONAL APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

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	RESIDENCE & CITIZENSHIP	CITY San Jose	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 499 Suisse Drive	CITY San Jose	STATE OR COUNTRY CA	ZIP CODE 95123
	SIGNATURE OF INVENTOR 201			DATE	
2 0 2	FULL NAME OF INVENTOR	LAST NAME Sung	FIRST NAME Chiakang	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Milpitas	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 2005 Skyline Drive	CITY Milpitas	STATE OR COUNTRY CA	ZIP CODE 95035
	SIGNATURE OF INVENTOR 202			DATE	
2 0 3	FULL NAME OF INVENTOR	LAST NAME Wang	FIRST NAME Bonnie	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Cupertino	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 10371 Prune Tree Lane	CITY Cupertino	STATE OR COUNTRY CA	ZIP CODE 95014
	SIGNATURE OF INVENTOR 203			DATE	
2 0 4	FULL NAME OF INVENTOR	LAST NAME Huang	FIRST NAME Joseph	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY San Jose	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 1231 Briarleaf Circle	CITY San Jose	STATE OR COUNTRY CA	ZIP CODE 95131
	SIGNATURE OF INVENTOR 204			DATE	
2 0 5	FULL NAME OF INVENTOR	LAST NAME Pan	FIRST NAME Phillip	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY Fremont	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 44531 Kadi Court	CITY Fremont	STATE CA	ZIP CODE 94539
	SIGNATURE OF INVENTOR 205			DATE	

206	FULL NAME OF INVENTOR	LAST NAME Kim	FIRST NAME In Whan	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY San Jose	STATE OR FOREIGN COUNTRY CA	COUNTRY OF CITIZENSHIP USA	
	POST OFFICE ADDRESS	STREET 2702 Ohlone Drive	CITY San Jose	STATE CA	ZIP CODE 95132
	SIGNATURE OF INVENTOR 206			DATE 11/30/01	
207	FULL NAME OF INVENTOR	LAST NAME Rangan	FIRST NAME Gopi	MIDDLE NAME	
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	POST OFFICE ADDRESS	STREET Quillen 12B EV	CITY Stanford	STATE CA	ZIP CODE 94305
	SIGNATURE OF INVENTOR 208			DATE	
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	SIGNATURE OF INVENTOR 209			DATE	
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	POST OFFICE ADDRESS	STREET 760 Saratoga Avenue	CITY San Jose	STATE CA	ZIP CODE 95129
	SIGNATURE OF INVENTOR 2010			DATE	